

Published by the Hydrographic Office and Information Center  
NAVY DEPT. WASHINGTON  
10 JULY 1968

Symbol	Description
[Symbol]	Coastal Features
[Symbol]	Political Features
[Symbol]	Hydrographic Features
[Symbol]	Other Features

United States Navy Hydrographic Office  
Standard Symbols (1968 and 1970)  
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ONC J-11

ONC J-11

EDITION 6

# LEGEND

## NEUTR PORTNATAT

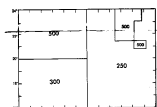
NEUTR PORTNATAT  
NEUTR PORTNATAT  
NEUTR PORTNATAT



CONTOUR INTERVAL  
100 feet

Spot Elevations

Spot Elevations  
Spot Elevations  
Spot Elevations



Spot Elevations

Spot Elevations  
Spot Elevations  
Spot Elevations

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Spot Elevations

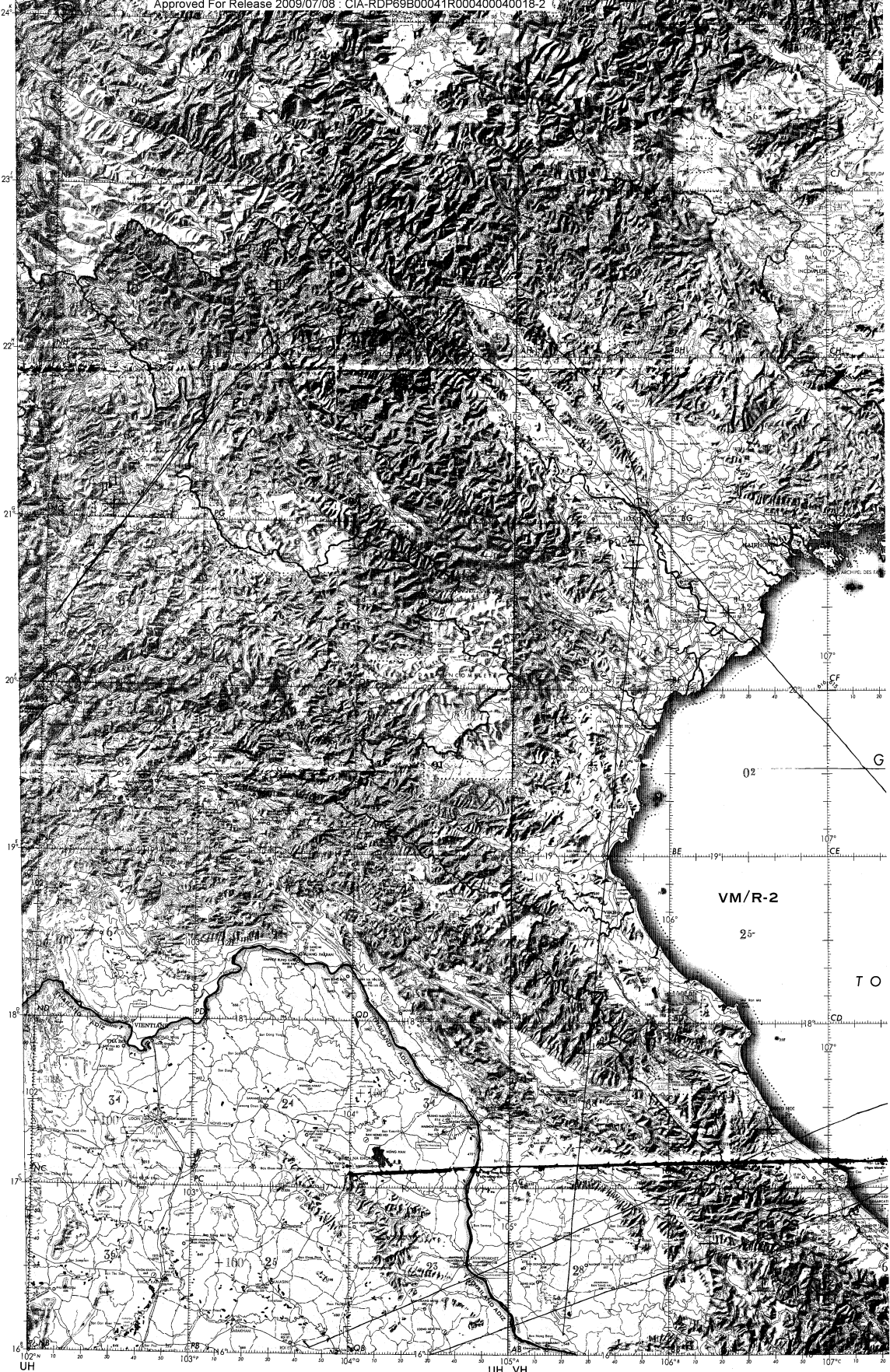
Spot Elevations

Spot Elevations

Spot Elevations

Spot Elevations

Spot Elevations



ONC J-11

CHINA, HONG KONG AND THE NEW TERRITORIES,  
JACU, MACAO, THAILAND, VIETNAM

SCALE 1:1,000,000

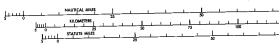
EDITION 6

THIS IS THE ONLY MAP OF THE NEW TERRITORIES  
OF HONG KONG AND THE NEW TERRITORIES  
OF VIETNAM WHICH HAS BEEN APPROVED BY  
THE CHINESE GOVERNMENT

EDITION 6 OF ONC J-11 is obsolete

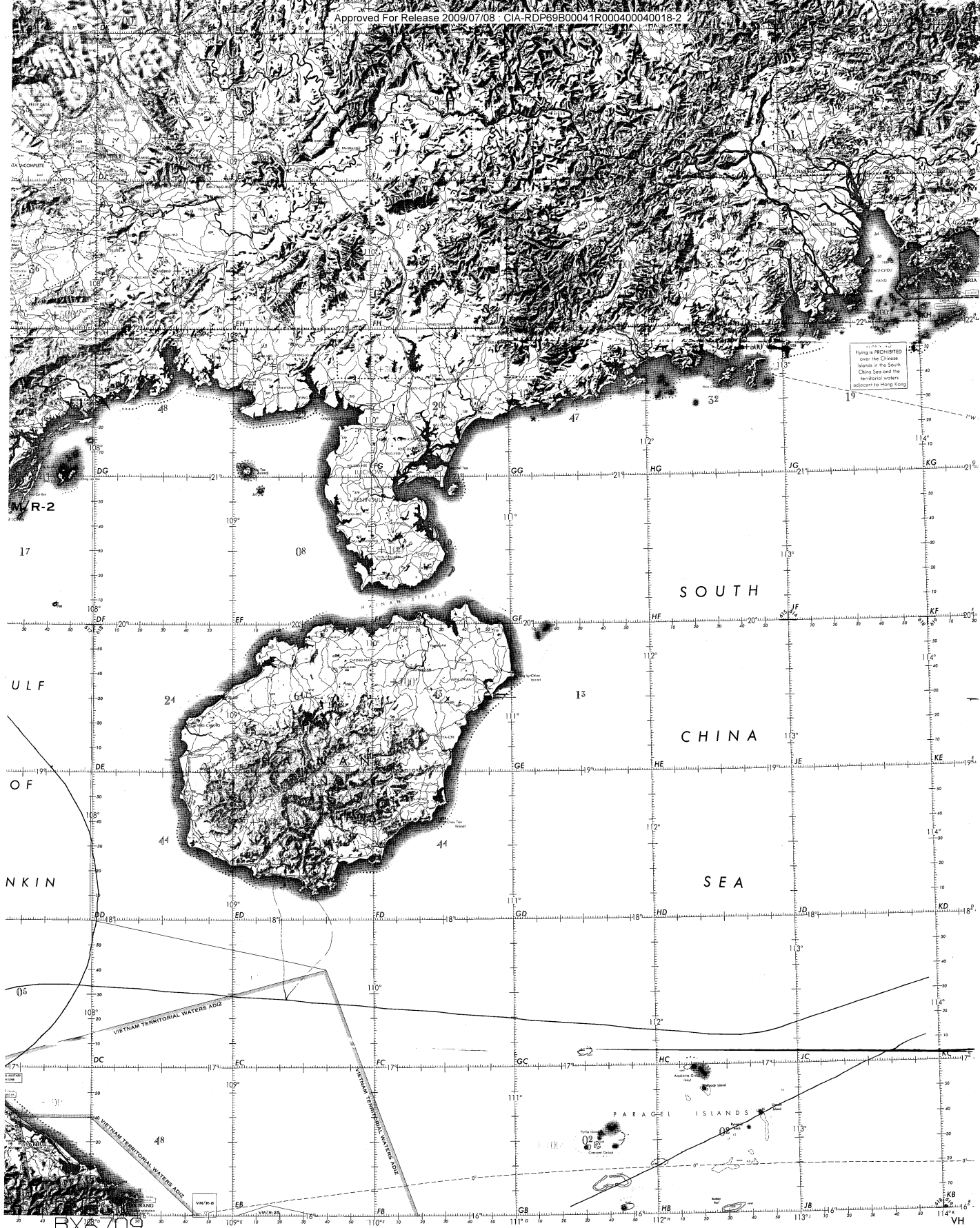


ELEVATIONS IN FEET



OPERATIONAL NA  
1:1,000,000





PUBLISHED BY THE AERONAUTICAL CHART AND INFORMATION CENTER  
UNITED STATES AIR FORCE  
11-6000-101-101

Symbol	Description
1	Land
2	Water
3	Shoals
4	Reefs
5	Islands
6	Islets
7	Small Islands
8	Small Islets
9	Small Shoals
10	Small Reefs
11	Small Islands
12	Small Islets
13	Small Shoals
14	Small Reefs

United States Coast Pilot  
Volume 11, Part 1  
Copyright 1968

ONC J-11







SECRET

BX-6709

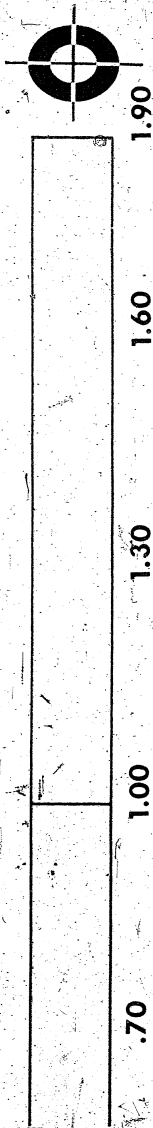
Route #9

FS-#13 19 July '67

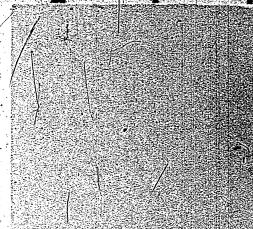
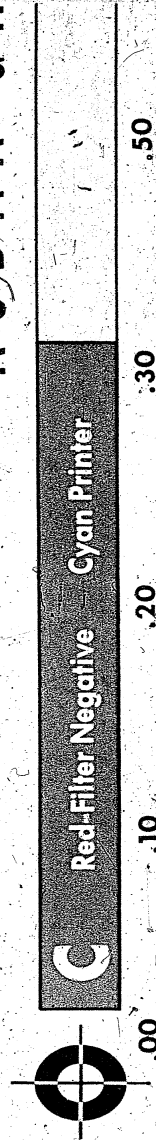


# AY SCALE

SERIES V



# KODAK GR



**TOP SECRET**

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

Str-in-ILS	342 MSL	200-1 & RVR 24
Str-in-TACAN	400 MSL	300-1
Circling	800 MSL	700-1

\*Circling to East only.

USCIB

Control Tower 325

TACAN/ILS-RWY 05-1 26°21'N-127°46'E

KADENA OAHAWA KADENA AB

**KADENA**

**START**

**ROUTE**

RT 9

BX 6709

FS 13

**STRIP**



Str-in-ILS	342 MSL	200-1 or RVR 24
Str-in-TACAN	800 MSL	700-1
*Circling	800 MSL	700-1
*Circling to East only.		

TACAN/ILS-RWY 05-2

26°21'N-127°46'E  
101

KADENA, OKINAWA I. RYUKYU ISLANDS  
KADENA AB

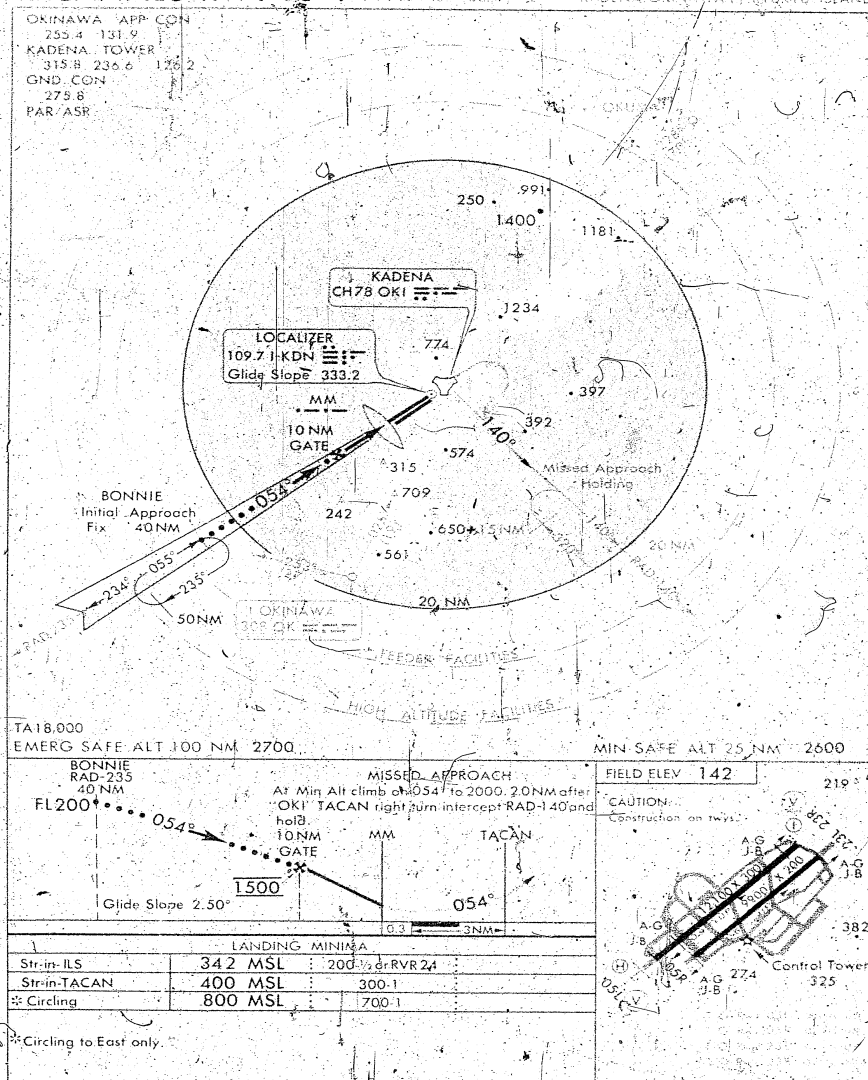
**KADENA**

**KADENA**

TACAN/ILS-RWY 05-1

100

KADENA AB



TACAN/ILS-RWY 05-1

26°21'N-127°46'E

KADENA, OKINAWA I. RYUKYU ISLANDS  
KADENA AB

**KADENA**







NAHA AB

NAHA AB

NAHA AB

ALLEN Z. RUSSELL

NAHA AB  
NAHA OKINAWA L. RYUKYU IS.



157

NAHA

TACAN-1

15°11'N-120°33'E  
53

LUZON I. REP. OF THE PHILIPPINES  
CLARK AB

CLARK

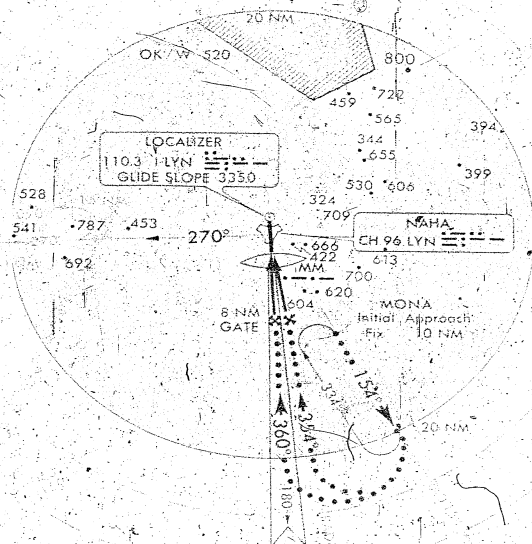
NAHA

TACAN/ILS-RWY 36-2

158

NAHA AB

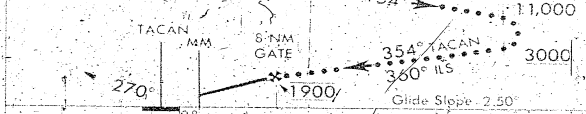
NAHA APP CON  
55.1 127.9  
NAHA TOWER  
118.4 735.4  
128.1 118.3  
GND CON  
281.5  
PAR/ASR



TA 18,000  
EMERG SAFE ALT 100 NM 2700

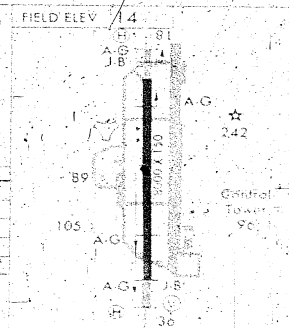
MIN SAFE ALT 25 NM 2200

MISSED APPROACH  
1.7 NM prior to TACAN, climb  
on RAD-270 to 2000 and hold



LANDING MINIMA		
Str-in-ILS	314 MSL	300-1
Str-in-TACAN	500 MSL	300-1
Str-in-LOC	400 MSL	400-1
Circling	600 MSL	600-1

\* Circling to West only



TACAN/ILS-RWY 36-2

26°11'N-127°39'E

NAHA AB

NAHA

Str-in-ILS	700 MSL	200:1
Str-in-TACAN	900 MSL	400:1
Circling $\pm$	1000 MSL	500:1
Str-in-LOC	800 MSL	300:1

\*Circling to East only.

TACAN-2/ILS

15°11'N-120°33'E

CLARK AE

**CLARK**

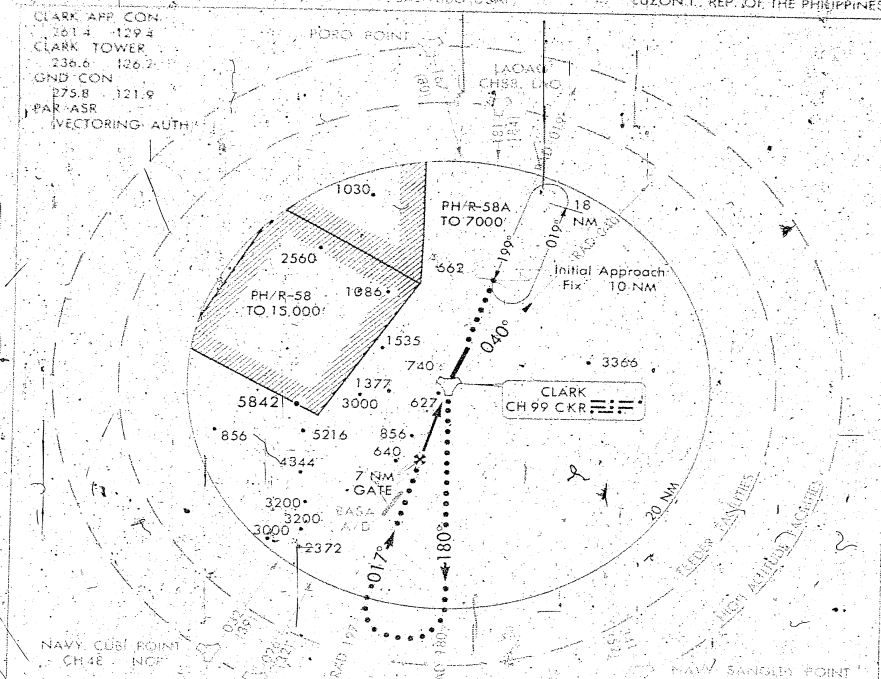
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TACAN-1

CLARK AB

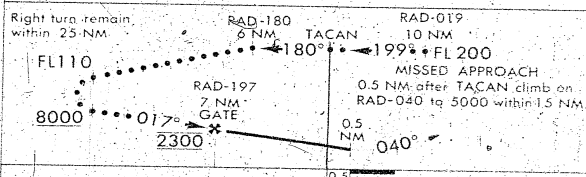
LUZON, I., REP. OF THE PHILIPPINES

CLARK APP CON  
201.4 129.4  
CLARK TOWER  
236.6 126.2  
GND CON  
275.8 121.8  
PAR-ASR  
VECTORIZING AUTH

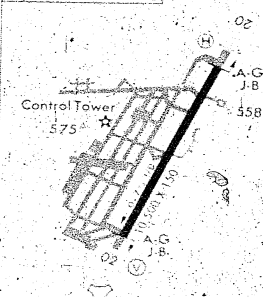


TLV 80  
TA 7000  
EMERG SAFE ALT 100 NM 11,600

MIN SAFE ALT 25 NM 6800



FIELD ELEV 475



LANDING MINIMA

Straight-in	1000 MSL	500-I
-------------	----------	-------

\* Circling to East only.

TACKLE to Missed Approach: 0.5 NM

Knots.	120	140	160	180	200
Min. Sec.	0:15	0:13	0:12	0:10	0:08

## TACAN-1

15°11'N-120°33'E

53

CLARK AF

# CLARK

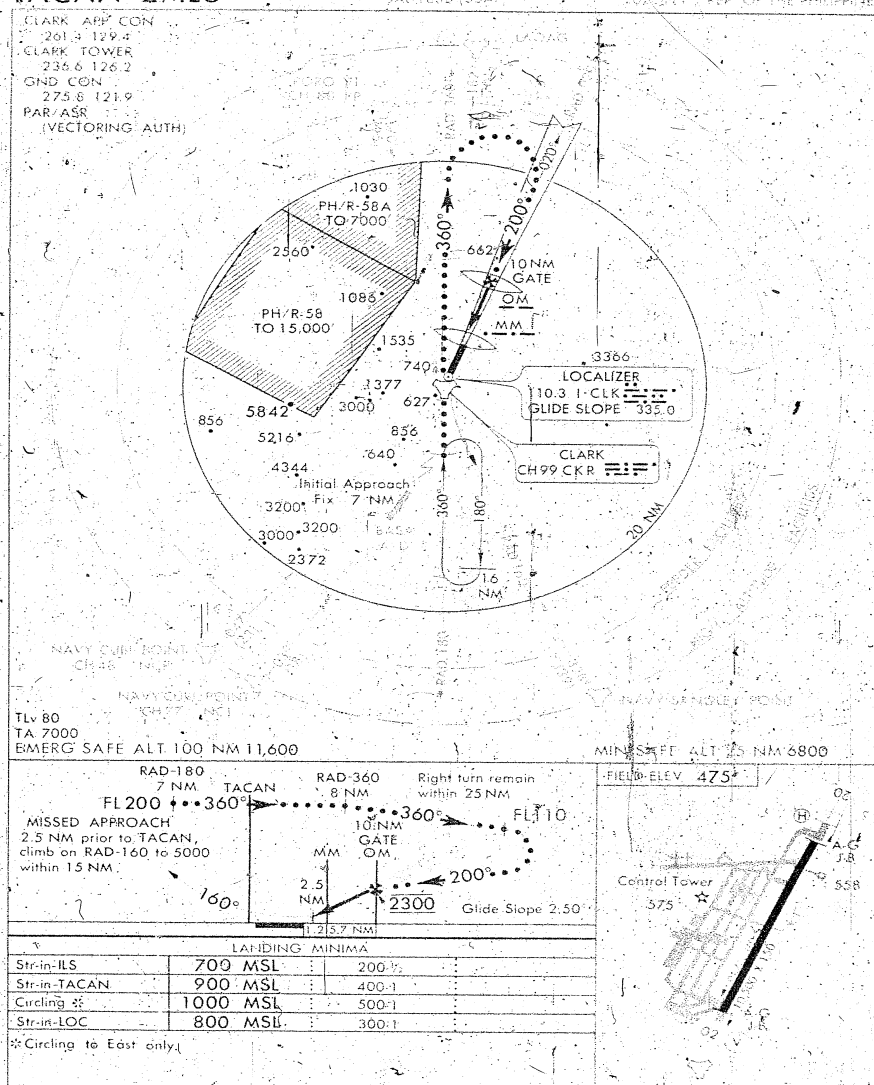


LUZON 1-55P. ON THE OUTLOOK FOR  
CLARK AB

# CLARK

CLARK AB

1-800-USA-1122



15°11'N-120°33'E

CLARK AR

**CLARK**

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

Straight-in: \_\_\_\_\_  
 Circling\*: \_\_\_\_\_  
 \* Circling to East only.

TACAN to Missed Approach 0.5 NM  
 Knots: 20 140 160 180 200  
 Min-Sec: 0:15 0:13 0:12 0:10 0:09

1000 MSL 600-1  
 15°11'N-120°33'E

LUZON I. REP. OF THE PHILIPPINES  
 CLARK AB

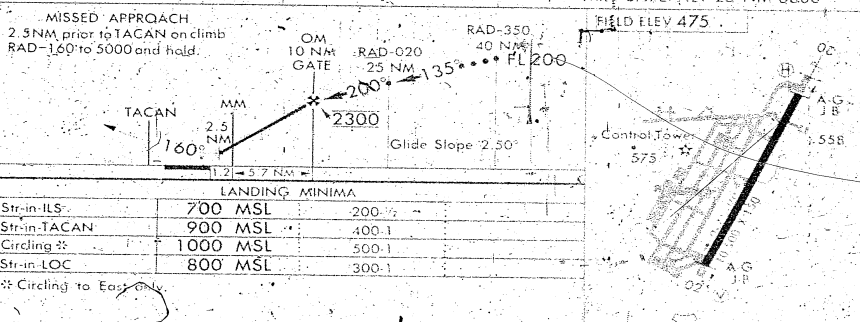
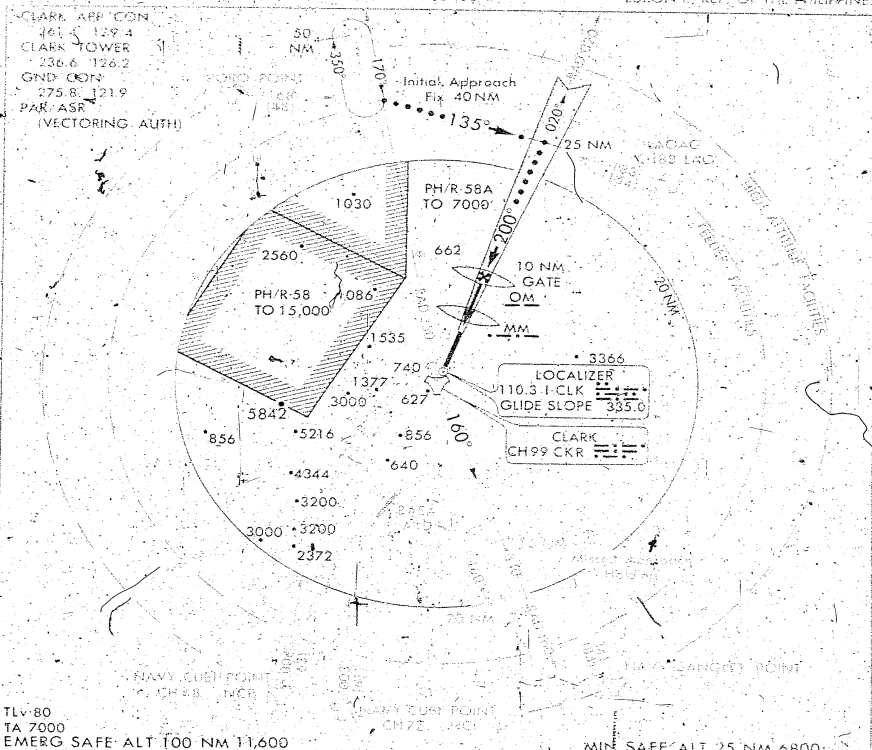
TACAN-4

CLARK

TACAN-3/ILS

JAL1880 (USAF)

CLARK AB  
LUZON I. REP. OF THE PHILIPPINES



TACAN-3/ILS

CLARK

Straight-in	600 MSL	500-1
Circling*		
* Circling to Northwest only.		

TACAN

25°03'N-121°14'E

TAO-YUAN A'D

TAOYUAN

CLARK

TACAN-4

56

JAL 1880 (USAF)

CLARK A B

LUZON I., REP. OF THE PHILIPPINES

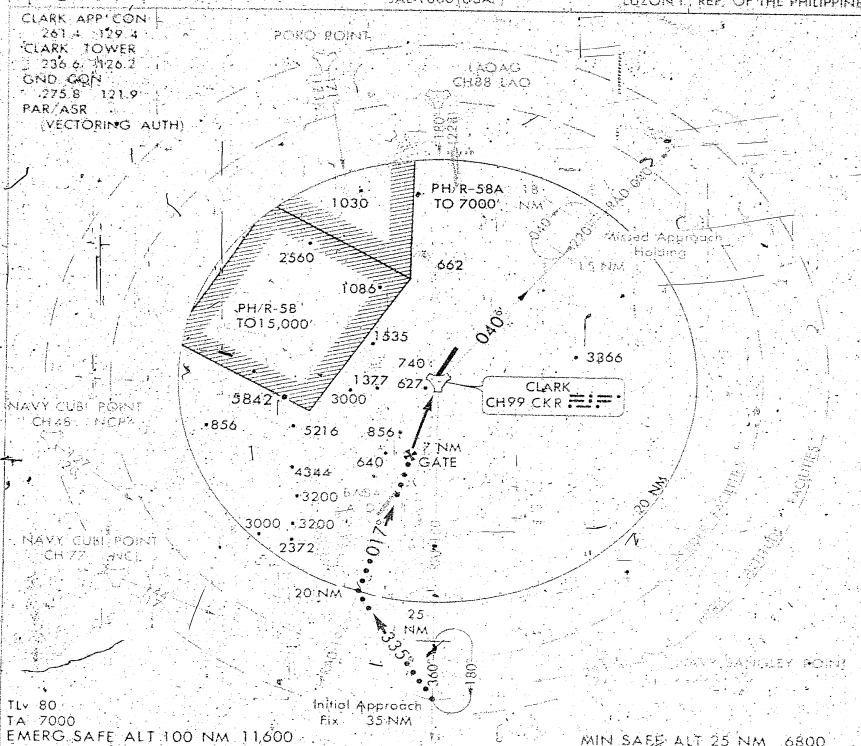


Diagram illustrating the missed approach procedure for TACAN. The procedure involves a climb on the 040° heading, 0.5 NM after the TACAN, to 5000 feet. The diagram shows the radial lines (RAD-180, 35 NM; RAD-197, 20 NM) and the 7 NM gate. The field elevation is 475 feet.

LANDING-MINIMA		
Straight-in	1000 MSL	500-1
Circling*		

\* Circling to East only.

TACAN to Missed Approach 0.5 NM					
Knots	120	140	160	180	200
Min. Sec.	0:15	0:13	0:12	0:10	0:09

Diagram illustrating the field layout. The field elevation is 475 feet. The control tower is located near the runway. The runway is oriented 040° and has a width of 575 feet. The field is surrounded by a fence and has a field elevation of 475 feet.

TACAN-4

15°11'N-120°33'E

LUZON I., REP. OF THE PHILIPPINES

CLARK A B

CLARK

LANDING MINIMA	
Straight-in	400-1
Circling	500-1
NOT AUTHORIZED	

TACAN: RWY 18:1

15°16'N 100°18'E

TAKHLI A/D

**TAKHLI**

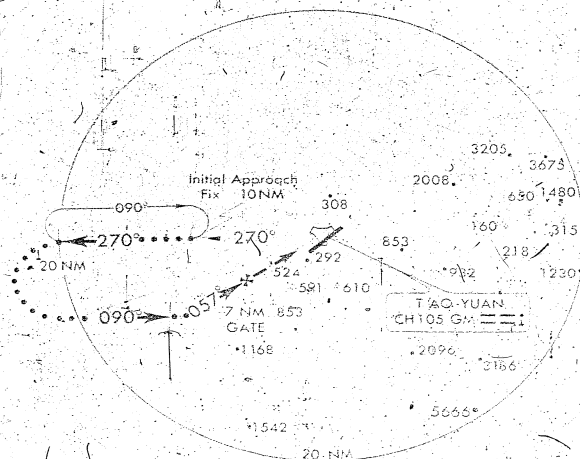
**TAOYUAN**

TACAN

202

T'AO-YUAN A/D

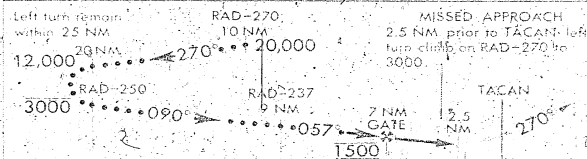
T'AO-YUAN APP CON  
368.8 111.7  
OM TOWER  
235.6 128.18  
GND CON  
275.6  
PAR/ASR



TA 18,000

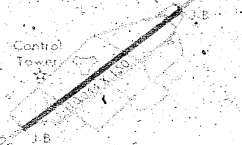
EMERG SAFE ALT 100 NM 15,100

MIN SAFE ALT 25 NM 8000



LANDING MINIMA	
Straight in	500 MSL 400-1
Circling	600 MSL 500-1

\* Circling to Northwest only



TACAN

25°03'N 121°14'E

T'AO-YUAN A/D

**TAOYUAN**



TACAN-RWY-18-2

15°16'N-100°18'E  
195

TAKHLI A/D

**TAKHLI**

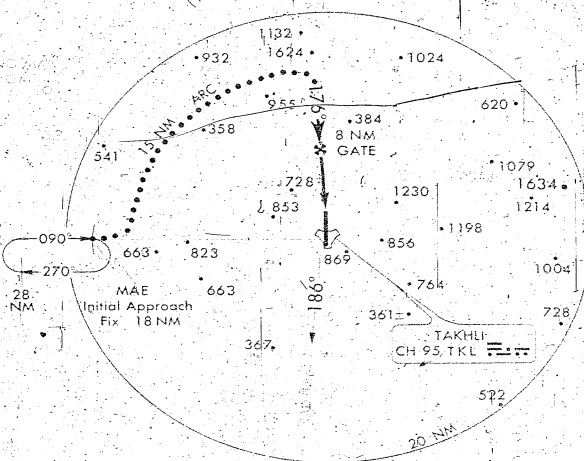
**TAKHLI**

TACAN-RWY-18-1

194

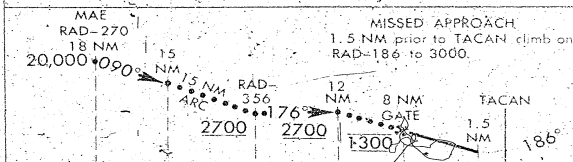
TAKHLI A/D

TAKHLI APP CON  
270.6 363.8 118.1  
TAKHLI TOWER  
253.5 236.5 126.2  
GND CON  
275.8  
PAR/ASR



EMERG SAFE ALT 100 NM 8200

MIN SAFE ALT 25 NM 2700



FIELD ELEV 112

81

BR

1.8

1.8

1.8

1.8

1.8

1.8

1.8

1.8

1.8

1.8

1.8

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1.8

1.8

1.8

1.8

1.8

1.8

1.8

1.8

1.8

1.8

TACAN-RWY-18-1

15°16'N-100°18'E

TAKHLI A/D

**TAKHLI**

TACAN-RWY 36

15°16'N-100°08'E

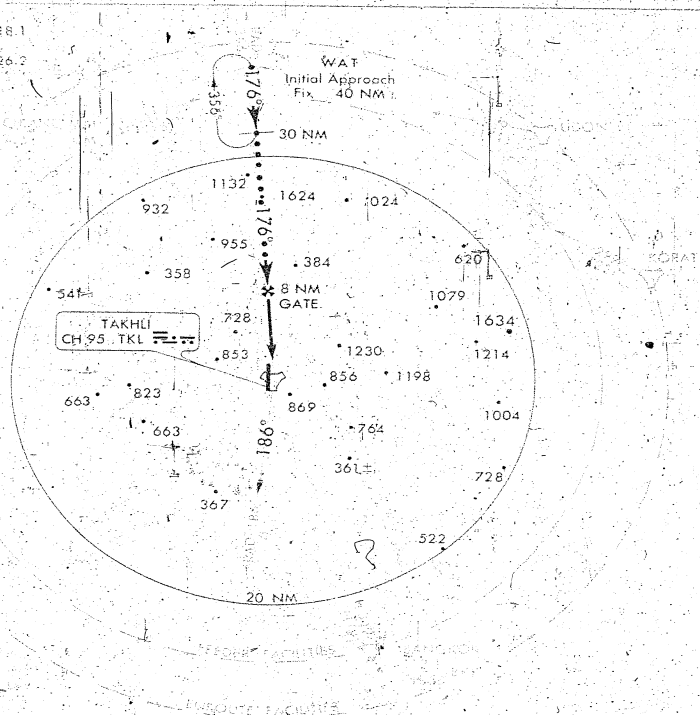
TAKHLI A/D

**TAKHLI**

TACAN-RWY 18-2

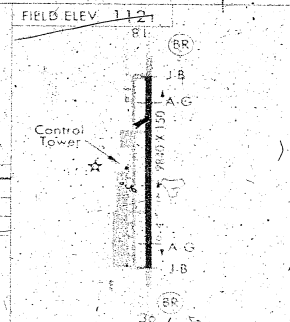
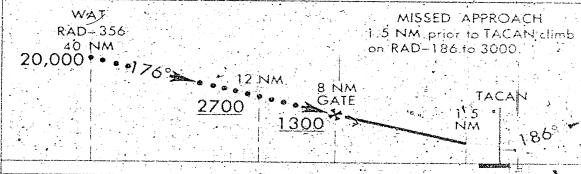
TAKHLI A/D

TAKHLI APP. CON.  
270.4 363.8 118.1  
TAKHLI TOWER  
253.5 256.6 126.2  
GND CON.  
275.8  
PAR/ASR



EMERG SAFE ALT 100 NM 8200

MIN SAFE ALT 25 NM 2700



TACAN-RWY 18-2

15°16'N-100°18'E

TAKHLI A/D

**TAKHLI**

# TAKHLI

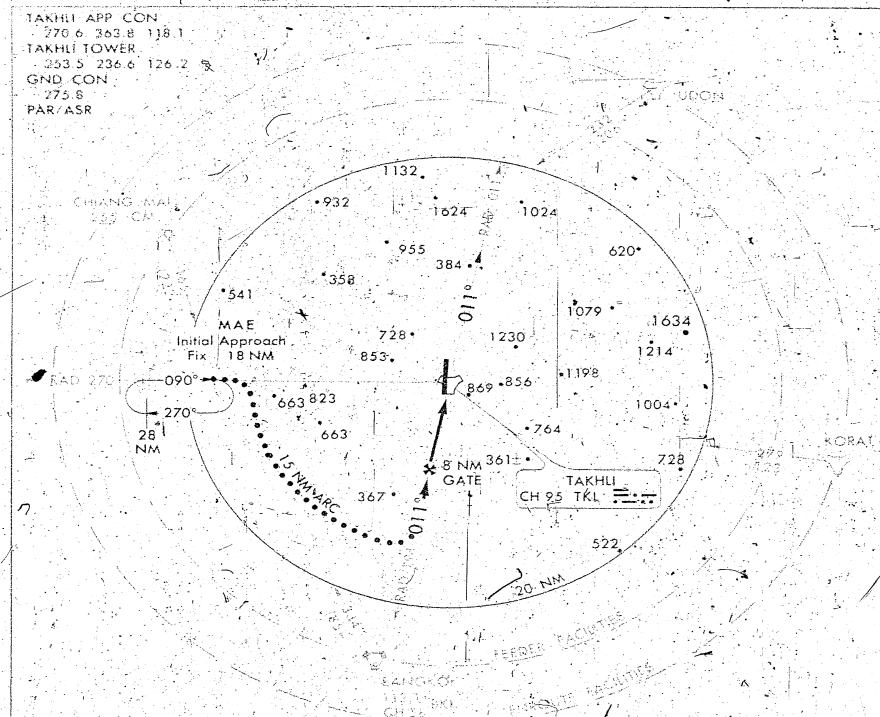
## TACAN - RWY 36

196

JAN 26 27 (RTAF)

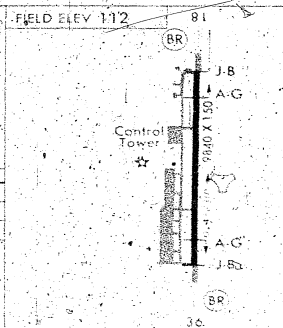
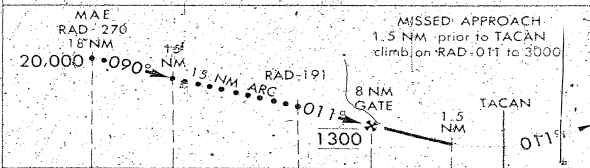
TAKHLI A/D  
TAKHLI, THAILAND

TAKHLI APP CON  
270.6 363.8 118.1  
TAKHLI TOWER  
253.5 236.6 126.2  
GND CON  
275.8  
PAR/ASR



EMERG SAFE ALT 100 NM 8200

MIN SAFE ALT 25 NM 2700



LANDING MINIMA	
Straight-in	400 MSL 300-1
Circling	NOT AUTHORIZED

## TACAN-RWY 36

15°16'N 100°08'E

TAKHLI A/D

# TAKHLI

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Next 6 Page(s) In Document Denied



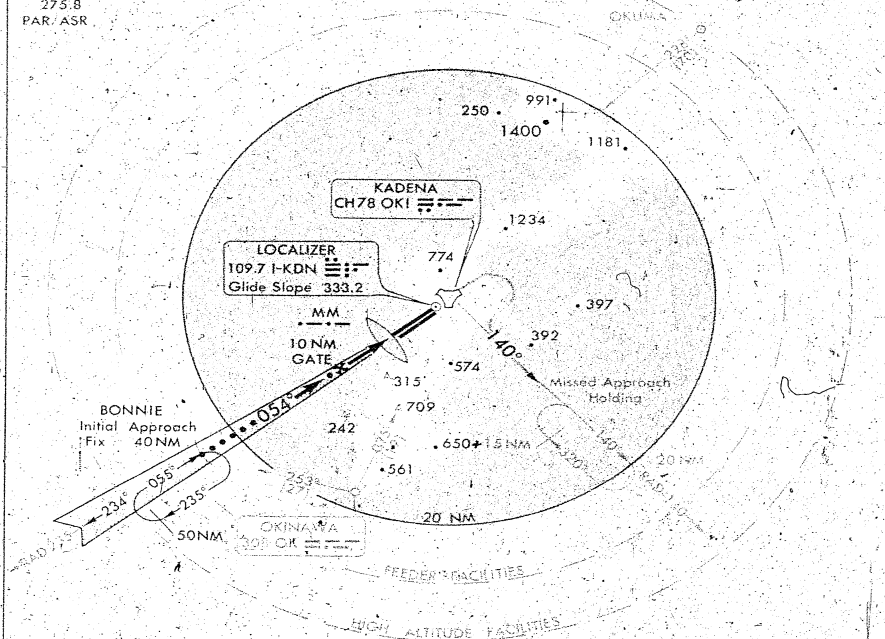
# KADENA

TACAN/ILS-RWY 05-1

100

KADENA AB

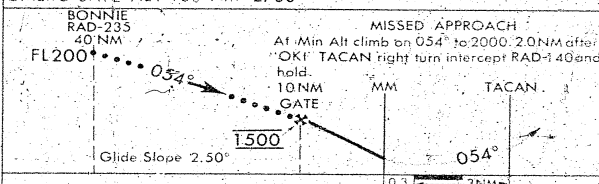
OKINAWA APP CON  
255.4 131.9  
KADENA TOWER  
315.8 236.6 126.2  
GND CON  
275.8  
PAR/ASR



TA18:000

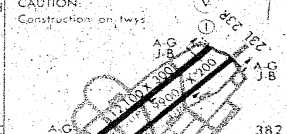
EMERG SAFE ALT 100 NM 2700

MIN SAFE ALT 25 NM 2600



FIELD ELEV 142

CAUTION: Construction on twys



LANDING MINIMA

Str-in ILS	342 MSL	200' or RVR 24
Str-in TACAN	400 MSL	300-1
Circling	800 MSL	700-1

Circling to East only.

TACAN/ILS-RWY 05-1

26°21'N-127°46'E

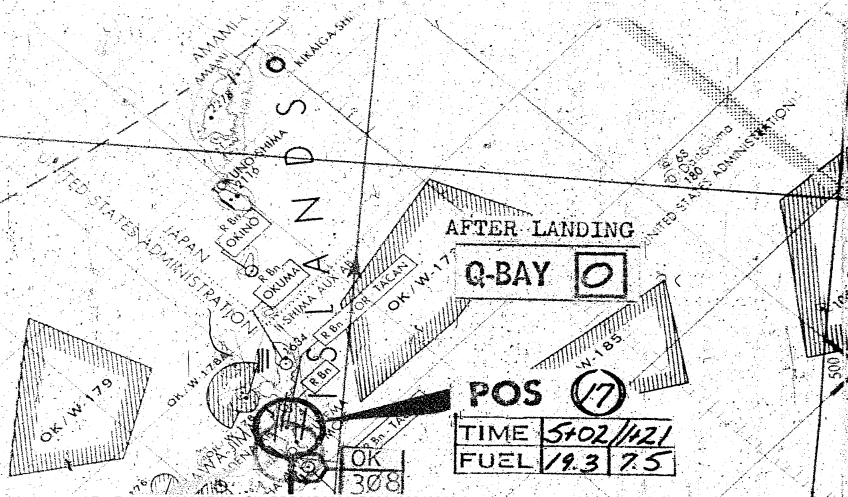
KADENA, OKINAWA

RYUKYU ISLANDS

KADENA AB

# KADENA

SOUTHERN JAPAN A  
OKINAWA ADJZ



AFTER LANDING

Q-BAY

POS

TIME 5:02/1121  
FUEL 19.3 7.5

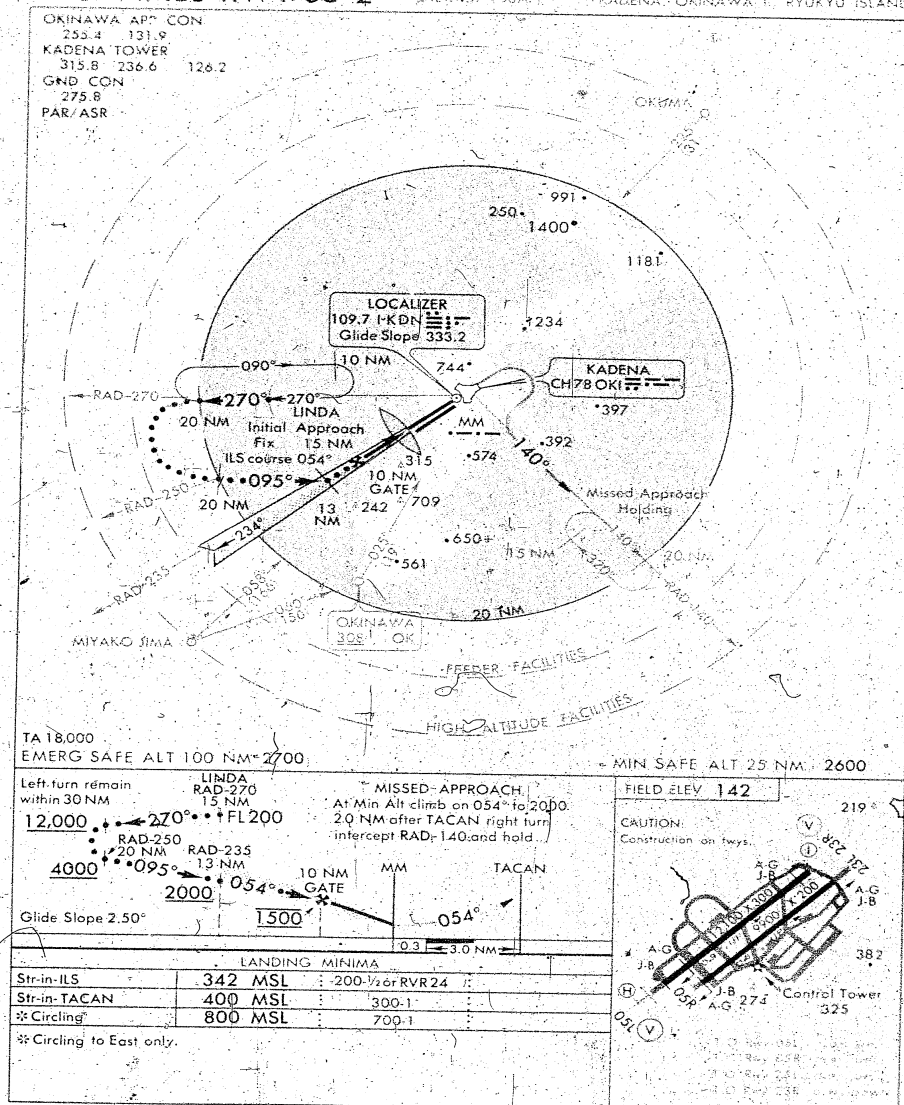
# KADENA

TACAN/ILS-RWY 05-2

DAL 1457 (USAF)

KADENA, OKINAWA I., RYUKYU ISLANDS

KADENA AB



TACAN/ILS-RWY 05-2

26°21'N-127°46'E  
101KADENA, OKINAWA I., RYUKYU ISLANDS  
KADENA AB

# KADENA

# KADENA

TACAN/ILS-RWY 05-1

100  
DAL 1457 (USAF)

KADENA, OKINAWA I., RYUKYU ISLANDS

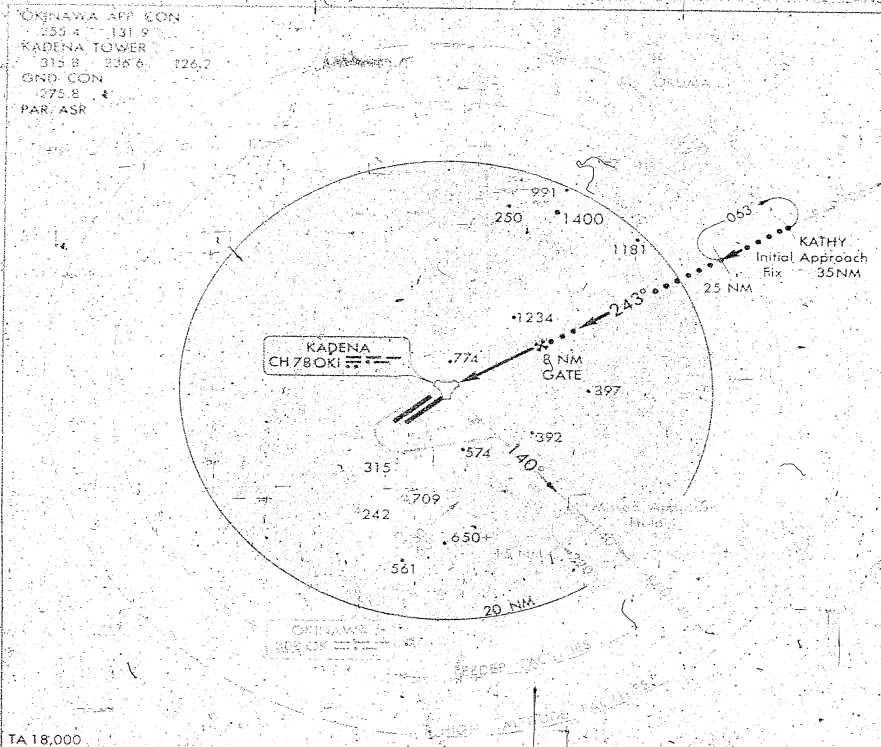
KADENA AB

OKINAWA APP CON  
255.4 131.9  
KADENA TOWER  
315.8 236.6 126.2

# KADENA

TACAN-RWY 23-3

KADENA AB



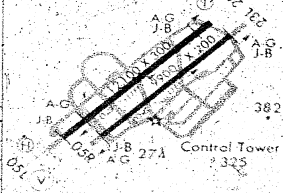
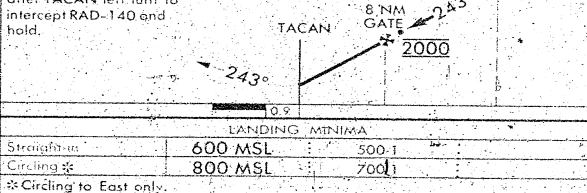
TA 18,000  
EMERG SAFE ALT 100 NM 2700

MIN SAFE ALT 25 NM 2600

MISSED-APPROACH  
At TACAN climb on  
243° to 2000; At 5.0 NM  
after TACAN left turn to  
intercept RAD-140 and  
hold.

KATHY  
RAD-062  
35 NM  
FL 200

FIELD ELEV 142 219  
CAUTION: Construction on twys.



TACAN-RWY 23-3

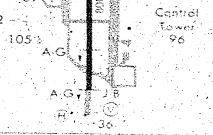
26°21'N-127°46'E  
99

KADENA AB

# KADENA

LANDING MINIMA		
Str-in-ILS	Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2	
Str-in-TACAN	500 MSL	500-1
Circling*	600 MSL	600-1
Str-in-LOC	400 MSL	400-1

\* Circling to West only.



TACAN/ILS RWY 36-1 26°11'N-127°39'E  
157

NAHA, OKINAWA, RYUKYU IS.  
NAHA AB

NAHA

TACAN-RWY 18

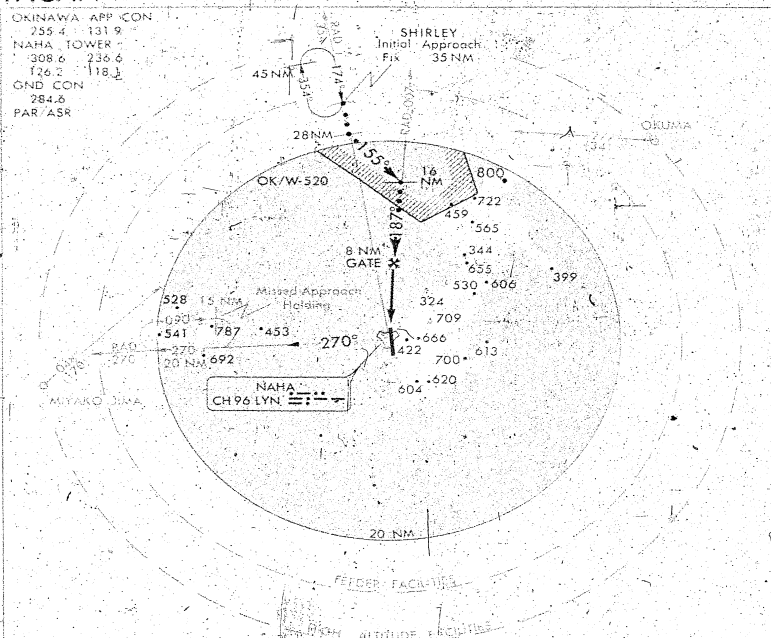
156

NAHA AB

OKINAWA APP CON  
255.4 131.9  
NAHA TOWER  
308.6 236.6  
126.2 118.2  
GND CON  
284.6  
PAR/ASR

156 1733 (USAF)

NAHA, OKINAWA, RYUKYU IS.



TA 18,000  
EMERG SAFE ALT 100 NM 2700

MIN SAFE ALT 25 NM 2200

MISSED APPROACH.  
1.4 NM prior to TACAN, right turn climb  
on RAD-270 to 2000 and hold.

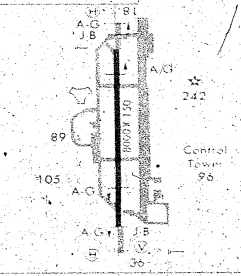
SHIRLEY  
RAD 35.4  
35 NM  
7A FL 200

FIELD ELEV 14



LANDING MINIMA		
Straight-in	400 MSL	400-1
Circling *	600 MSL	600-1

\* Circling to West only.



TACAN-RWY 18 26°11'N-127°39'E

NAHA, OKINAWA, RYUKYU IS.  
NAHA AB

NAHA



Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2



BUZON, REP OF THE PHILIPPINES  
CLARK AB

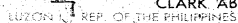
BUZON, REP OF THE PHILIPPINES  
CLARK AB

54

CLARK AB

JAN 1980 (USAF)

SUZON L. XEN. OF THE PHILIPPINES



SUZON L. XEN. OF THE PHILIPPINES

15°11'N-120°32'E

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# CLARK

LANDING MINIMA  
 Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2  
 1000 MSL 500-1  
 \*Circling to East only.  
 \*TACAN to Missed Approach 0.5 NM  
 Knots 120 140 160 180 200  
 Min:Sec 0:15 0:13 0:12 0:10 0:09

TACAN-4

15°11'N-120°33'E

LUZON I. REP. OF THE PHILIPPINES  
CLARK AB

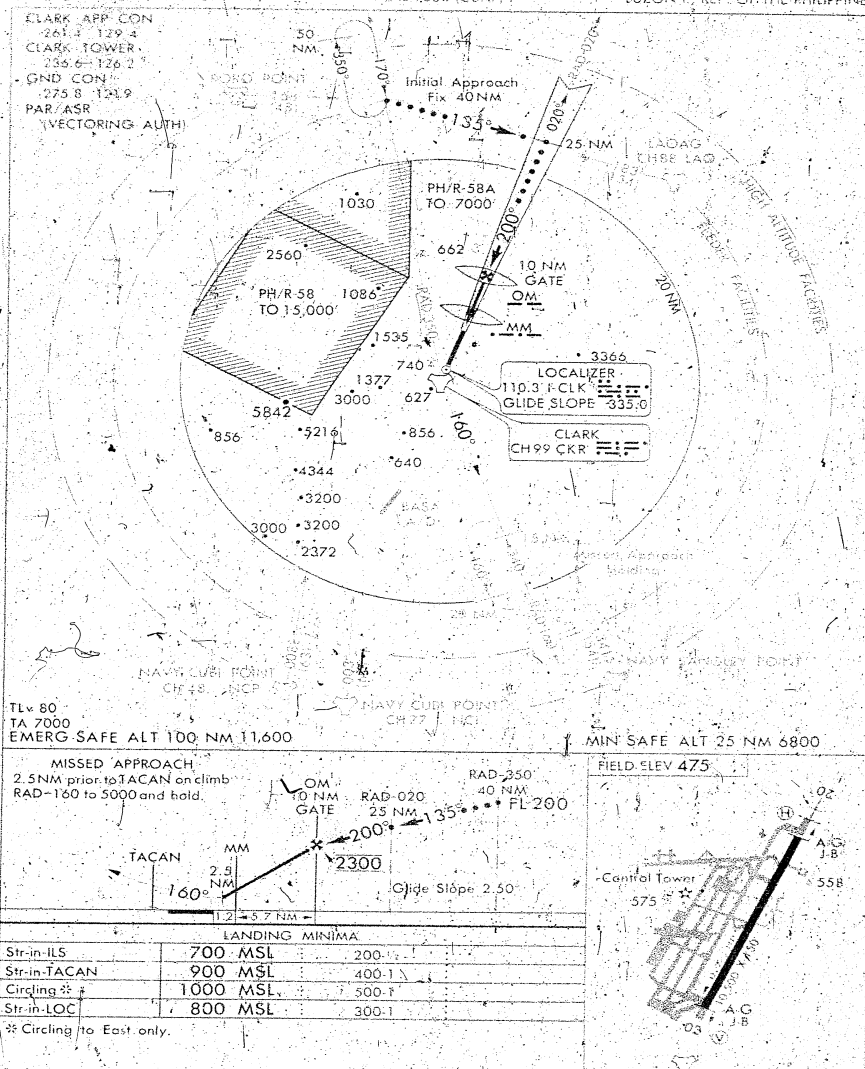
CLARK

CLARK

TACAN-3/ILS

JAL 1880 (USAF)

CLARK AB  
LUZON I. REP. OF THE PHILIPPINES



TACAN-3/ILS

15°11'N-120°33'E

LUZON I. REP. OF THE PHILIPPINES  
CLARK AB

CLARK



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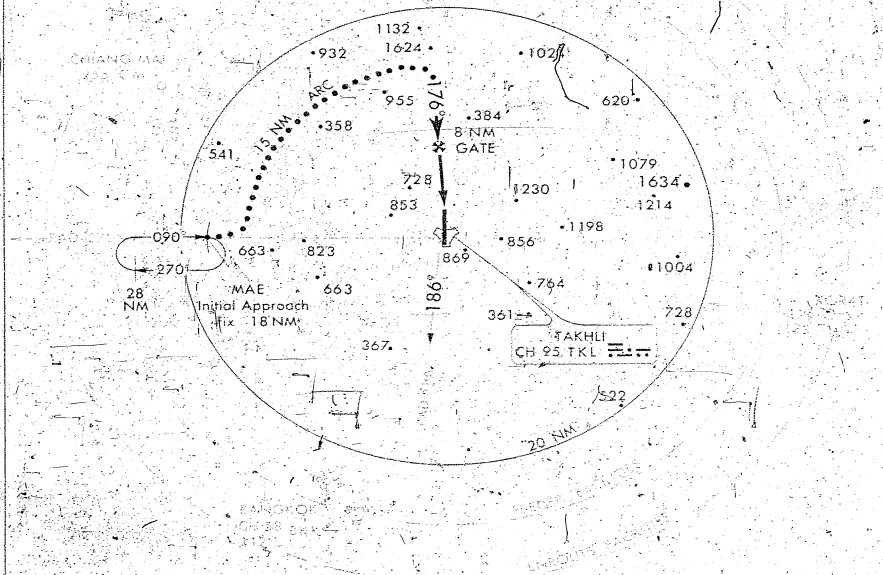
# TAKHLI

TACAN-RWY 18-1

194

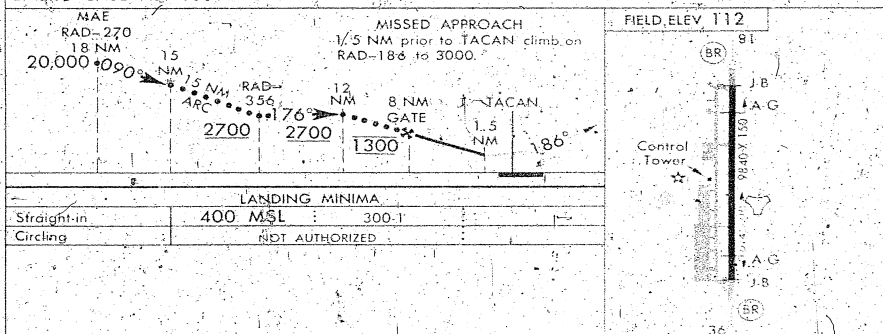
TAKHLI A/D

TAKHLI APP CON  
270.6 363.8 118.1  
TAKHLI TOWER  
253.5 366.6 126.2  
GND CON  
275.8  
PAR/ASR



EMERG SAFE ALT 100 NM 8200

MIN SAFE ALT 25 NM 2700



TACAN-RWY 18-1

15°16'N-100°18'E

TAKHLI A/D

# TAKHLI

# TAOYUAN

202

T'AO-YUAN A/D

TACAN

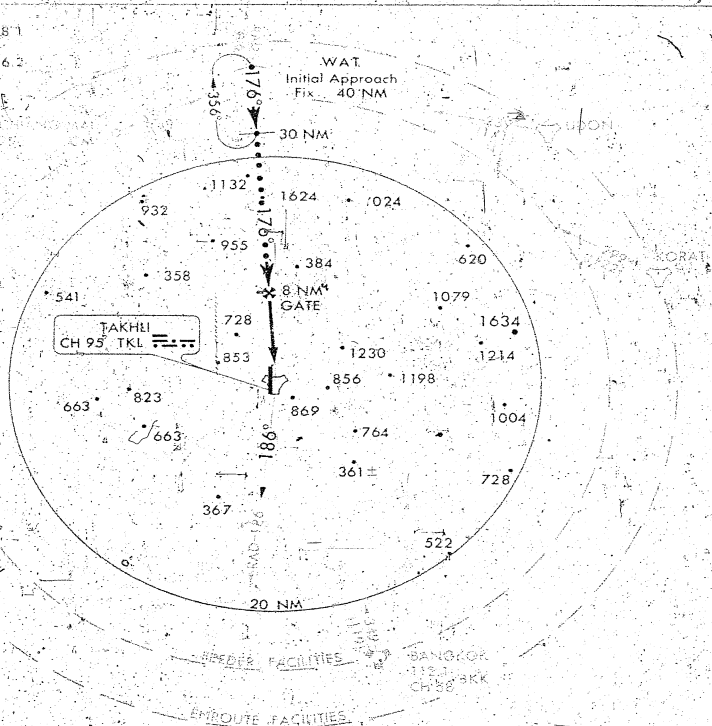
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363.8 119.7  
T'AO-YUAN TOWER  
236.6 126.18  
GND CON  
275.8  
PAR/ASR

# TAKHLI

## TACAN-RWY 18-2

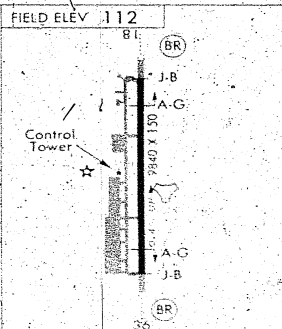
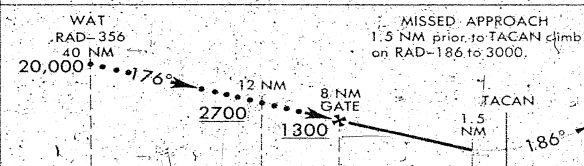
TAKHLI A/D  
TAKHLI, THAILAND

TAKHLI APP. CON  
270.6 363.8 118.1  
TAKHLI TOWER  
253.5 236.6 126.2  
GND CON  
275.8  
PAR/ASR



EMERG SAFE ALT 100 NM 8200

MIN SAFE ALT 25 NM 2700



LANDING MINIMA	
Straight-in	400 MSL 300-1
Circling	NOT AUTHORIZED

## TACAN-RWY 18-2

15°16'N-100°18'E  
195

TAKHLI A/D  
TAKHLI, THAILAND

# TAKHLI

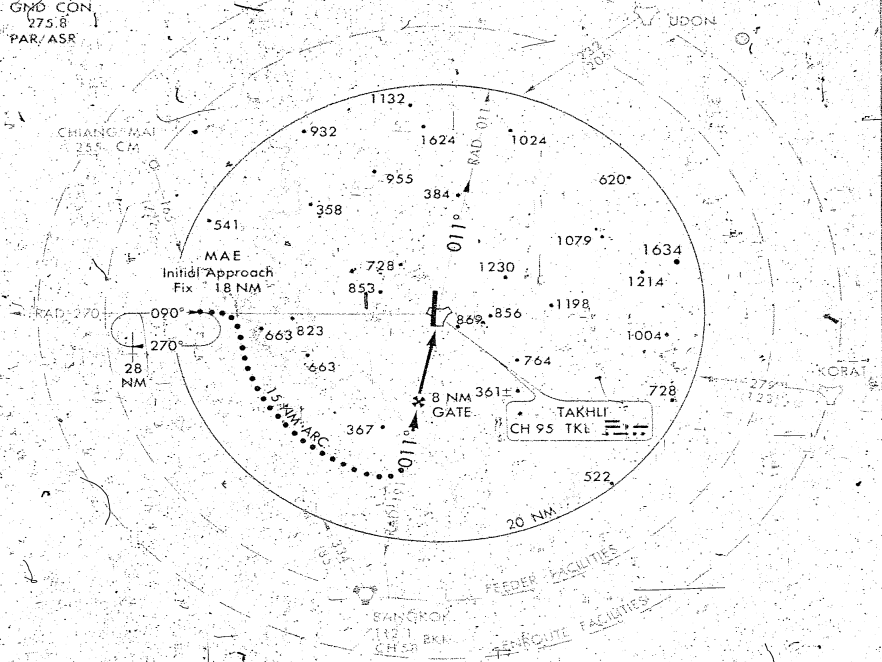
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TACAN - RWY 36

196

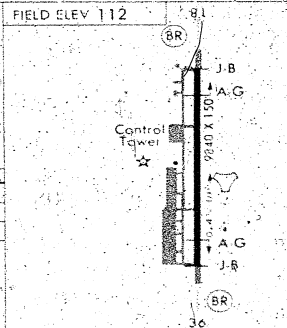
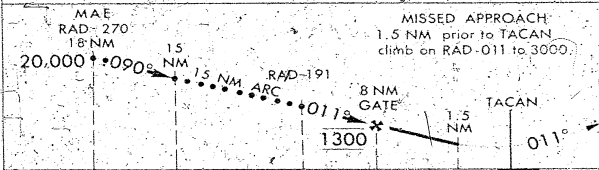
TAKHLI A/D  
TAKHLI, THAILAND

TAKHLI APP CON  
270.6 363.8 118.1  
TAKHLI TOWER  
258.5 236.6 126.2  
GND CON  
275.8  
PAR/ASR



EMERG SAFE ALT 100 NM 8200

MIN SAFE ALT 25 NM 2700



LANDING MINIMA	
Straight-in	400 MSL 300-1
Circling	NOT AUTHORIZED

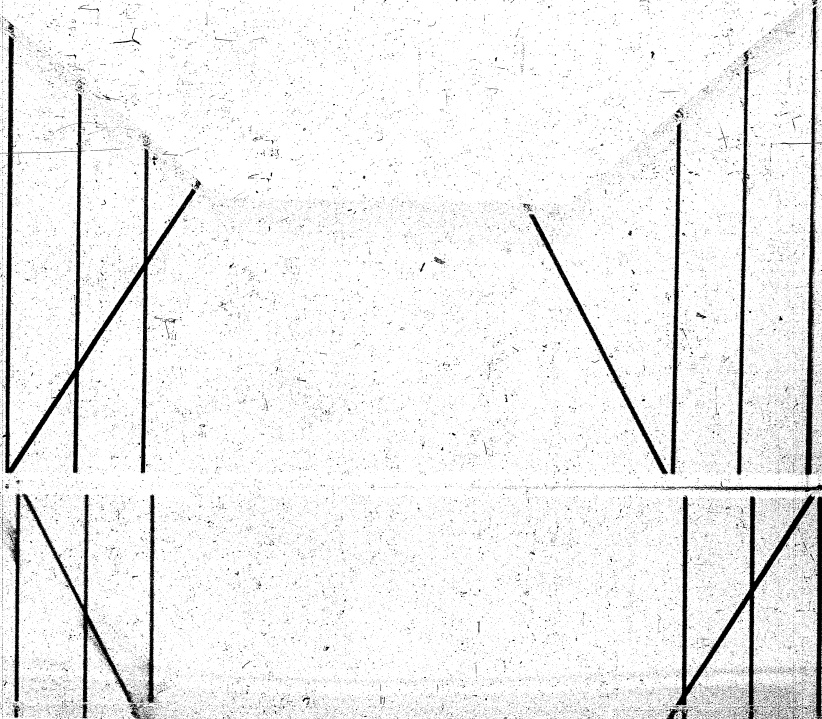
TACAN - RWY 36

15°16'N-100°18'E

TAKHLI A/D  
TAKHLI, THAILAND

# TAKHLI

**REWIND**



**THE END**

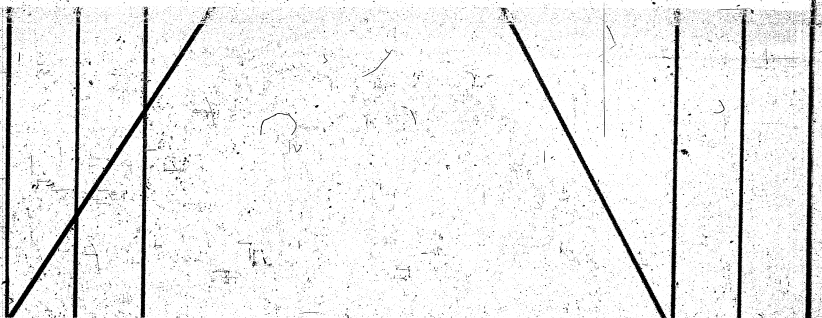
**ROUTE**

RT 9

BX 6709

**STRIP**

FS 13





**TOP SECRET**

**STOP**

**REWIND**

END

BX-6709

ROUTE # 9

FS-# 13 19 JULY 67

END

BX-6709

ROUTE # 9

FS-# 13 19 JULY 67

F

BX-6

ROUTE

FS-#